

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings of claims presented in the application.

Claim 1 (Currently Amended): A soft magnetic material used to make powder magnetic cores comprising:

a plurality of composite magnetic particles formed from a metal magnetic particle and an insulative coating surrounding a surface of said metal magnetic particle and containing metallic salt phosphate[[],]; and

a lubricant formed as fine particles comprising zinc stearate, wherein:

said lubricant is added at a proportion of at least 0.001 percent by mass and no more than 0.01 percent by mass relative to said plurality of composite magnetic particles, wherein:and

~~said lubricant formed as fine particles~~ has a mean particle diameter of no more than 2.0 microns.

Claims 2-8 (Canceled)

Claim 9 (Currently Amended): A soft magnetic material used to make powder magnetic cores comprising:

a plurality of composite magnetic particles formed from a metal magnetic particle and an insulative coating surrounding a surface of said metal magnetic particle and containing an oxide selected from the group consisting of silicon oxide, titanium oxide, aluminum oxide and zirconium oxide or alloys thereof; and

a lubricant formed as fine particles comprising zinc stearate, wherein:

said lubricant is added at a proportion of at least 0.001 percent by mass and no more than 0.01 percent by mass relative to said plurality of composite magnetic particles, wherein: and

said lubricant formed as fine particles has a mean particle diameter of no more than 2.0 microns.

Claims 10 - 16 (Canceled).

Claim 17 (Currently amended): The A powder magnetic core comprising a soft magnetic material according to claim 1, wherein the soft magnetic material comprises:

a plurality of composite magnetic particles formed from a metal magnetic particle and an insulative coating surrounding a surface of said metal magnetic particle and containing metallic salt phosphate; and

a lubricant formed as fine particles added at a proportion of at least 0.001 percent by mass and no more than 0.01 percent by mass relative to said plurality of composite magnetic particles, and

said lubricant formed as fine particles has a mean particle diameter of no more than 2.0 microns, wherein

the powder magnetic core exhibits an iron loss of less than or equal to 200194W/kg.

Claim 18 (Currently amended): The A powder magnetic core comprising a soft magnetic material according to claim 1, wherein the soft magnetic material comprises:

a plurality of composite magnetic particles formed from a metal magnetic particle and an insulative coating surrounding a surface of said metal magnetic particle and containing an oxide

selected from the group consisting of silicon oxide, titanium oxide, aluminum oxide and zirconium oxide or alloys thereof; and

a lubricant formed as fine particles added at a proportion of at least 0.001 percent by mass and no more than 0.01 percent by mass relative to said plurality of composite magnetic particles, wherein:

said lubricant formed as fine particles has a mean particle diameter of no more than 2.0 microns, wherein

the powder magnetic core exhibits an iron loss of less than or equal to 200194W/kg.

Claim 19 (New) : The powder magnetic core comprising a soft magnetic material according to claim 17, wherein the lubricant comprises zinc stearate.

Claim 20 (New) : The powder magnetic core comprising a soft magnetic material according to claim 18, wherein the lubricant comprises zinc stearate.